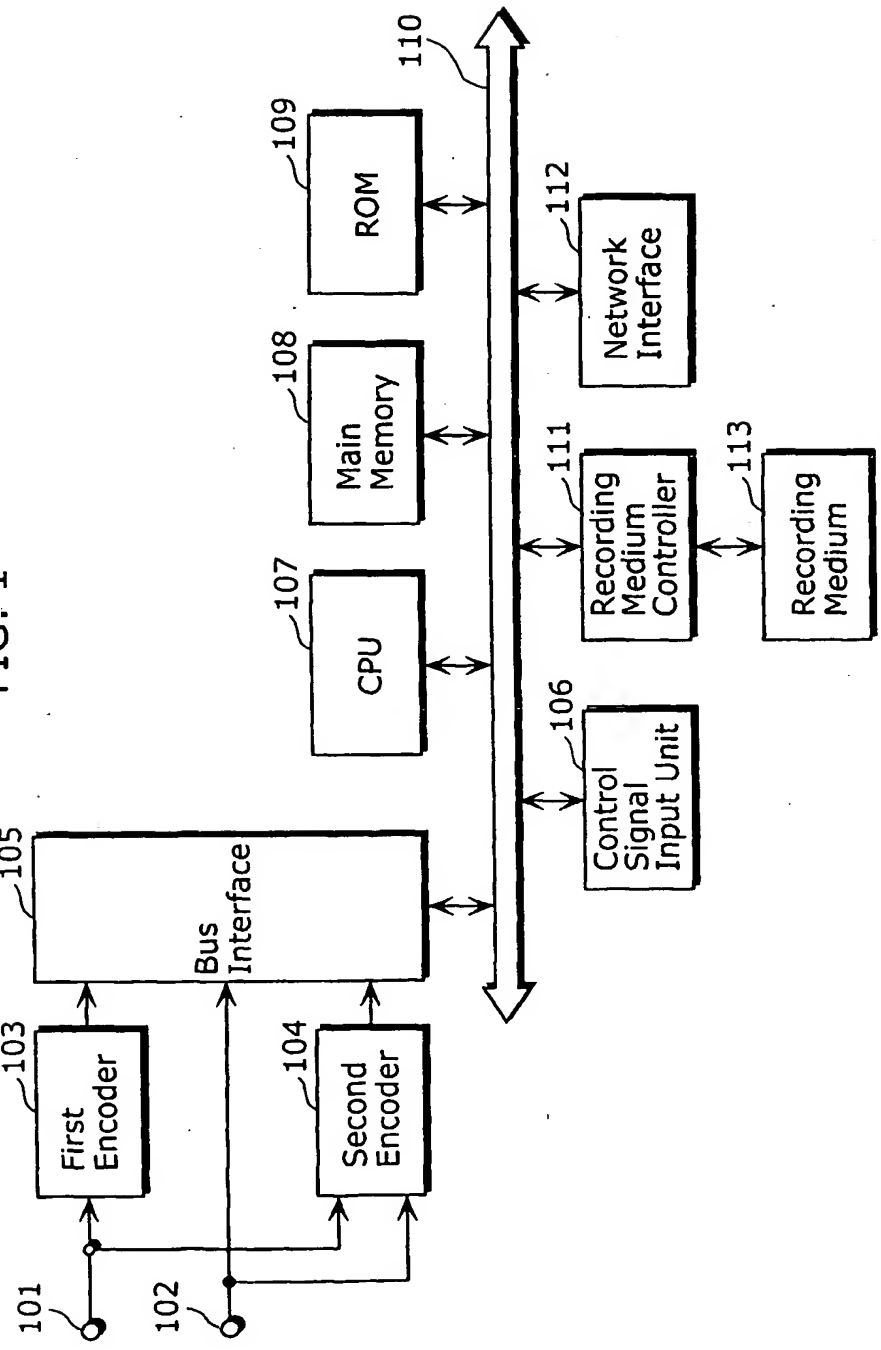
FIG. 1


101
102
First Encoder
103
Second Encoder
104
Bus Interface
105
Control Signal Input Unit
106
CPU
107
Main Memory
108
ROM
109
110
Network Interface
112
Recording Medium Controller
111
Recording Medium
113

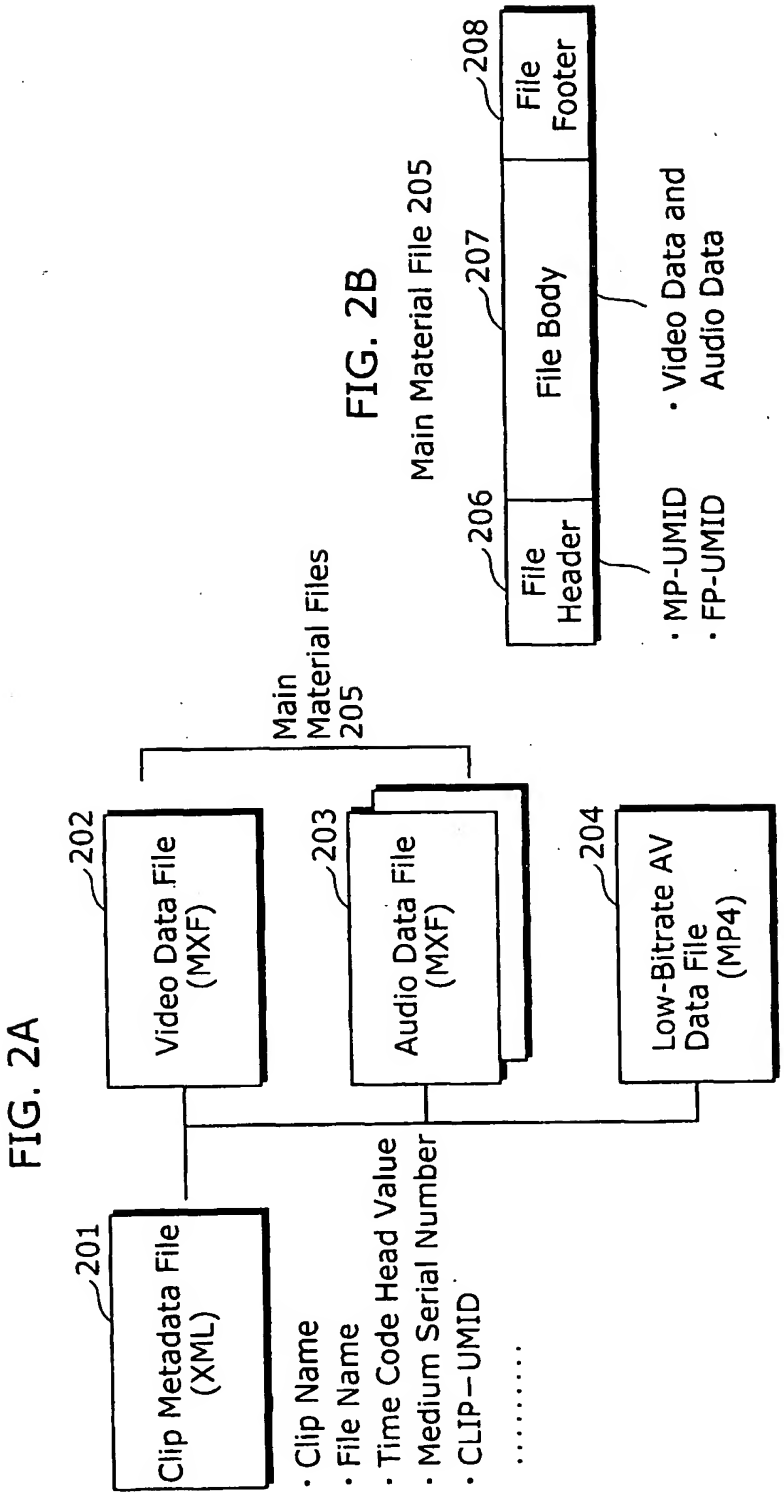


FIG. 2A
201
Clip Metadata File (XML)
• Clip Name
• File Name
• Time Code Head Value
• Medium Serial Number
• CLIP-UMID
.....
202
Video Data File (MXF)
203
Audio Data File (MXF)
204
Low-Bitrate AV Data File (MP4)
Main Material Files 205
FIG. 2B
Main Material File 205
206
File Header
• MP-UMID
• FP-UMID
207
File Body
• Video Data and Audio Data
208
File Footer

FIG. 3

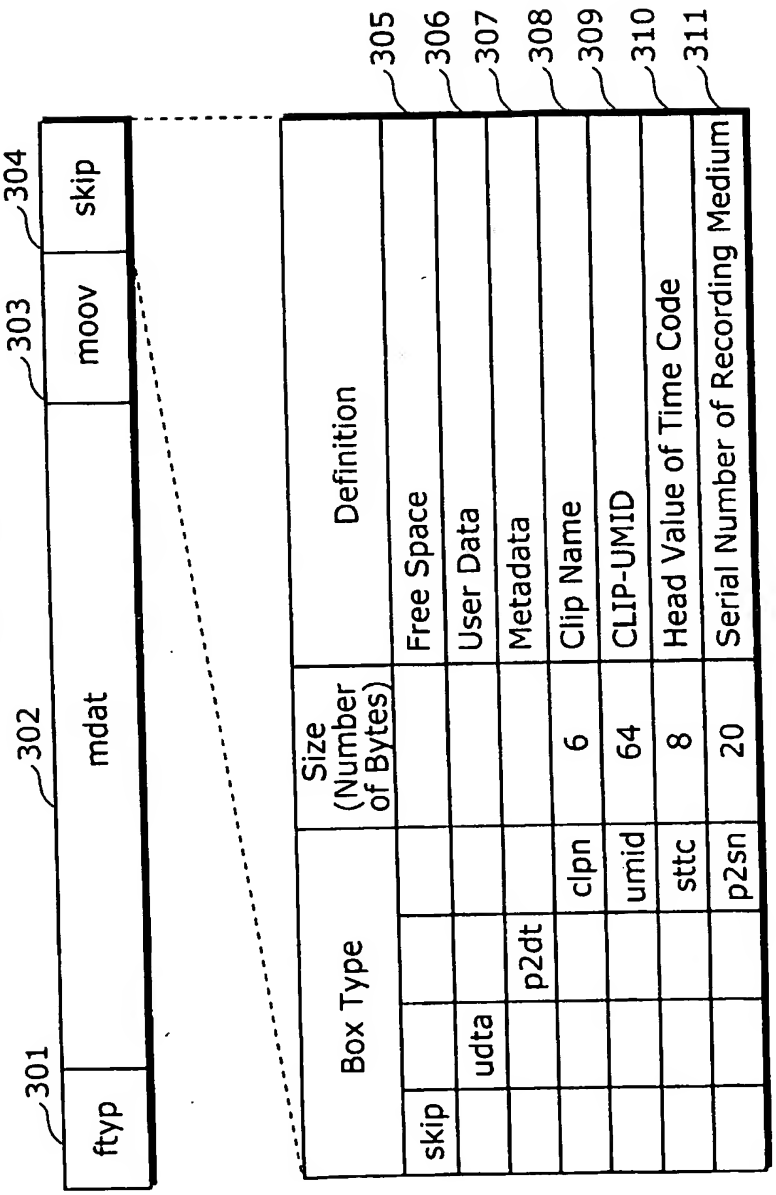

Low-Bitrate AV Data File 204
301
ftyp
302
mdat
303
moov
304
skip
Box Type
Size (Number of Bytes)
Definition
skip
udta
p2dt
clpn
umid
sttc
p2sn
6
64
8
20
Free Space
User Data
Metadata
Clip Name
CLIP-UMID
Head Value of Time Code
Serial Number of Recording Medium
305
306
307
308
309
310
311

FIG. 4

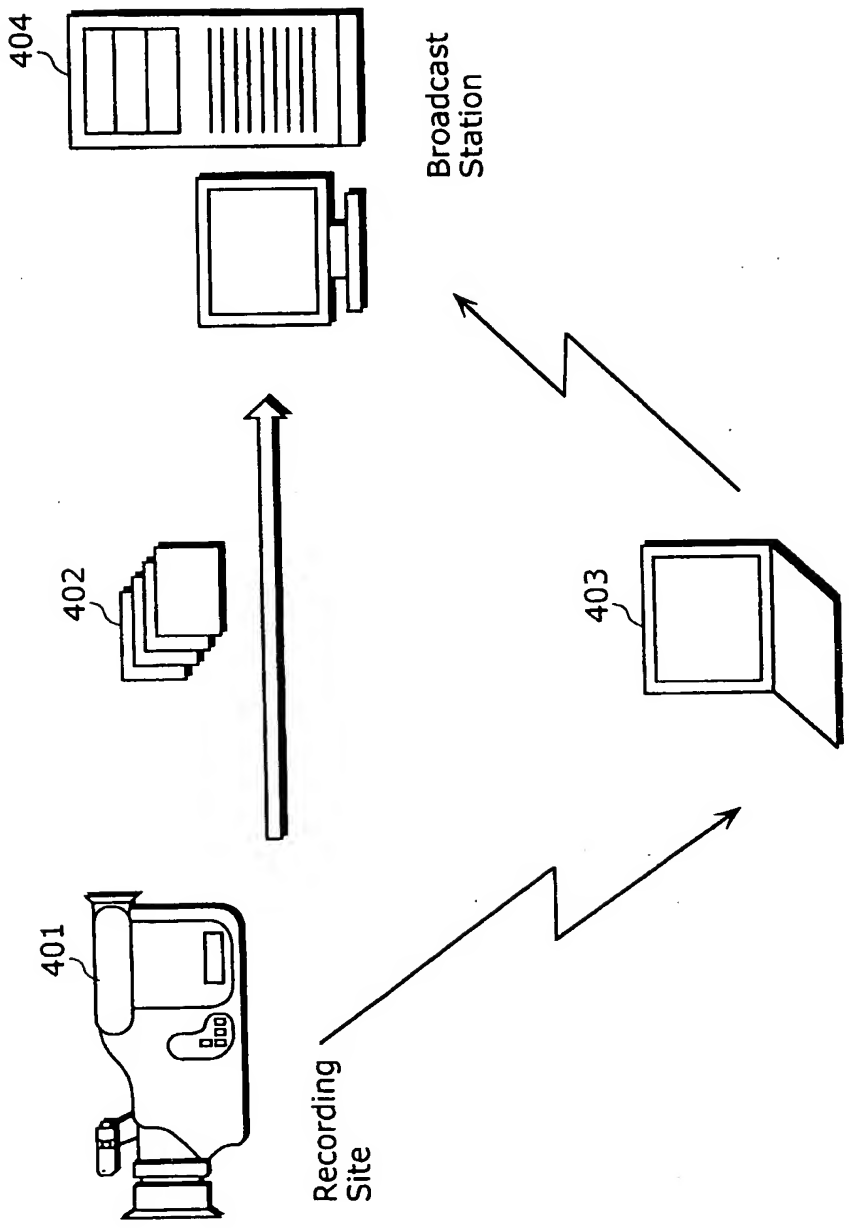


FIG. 5

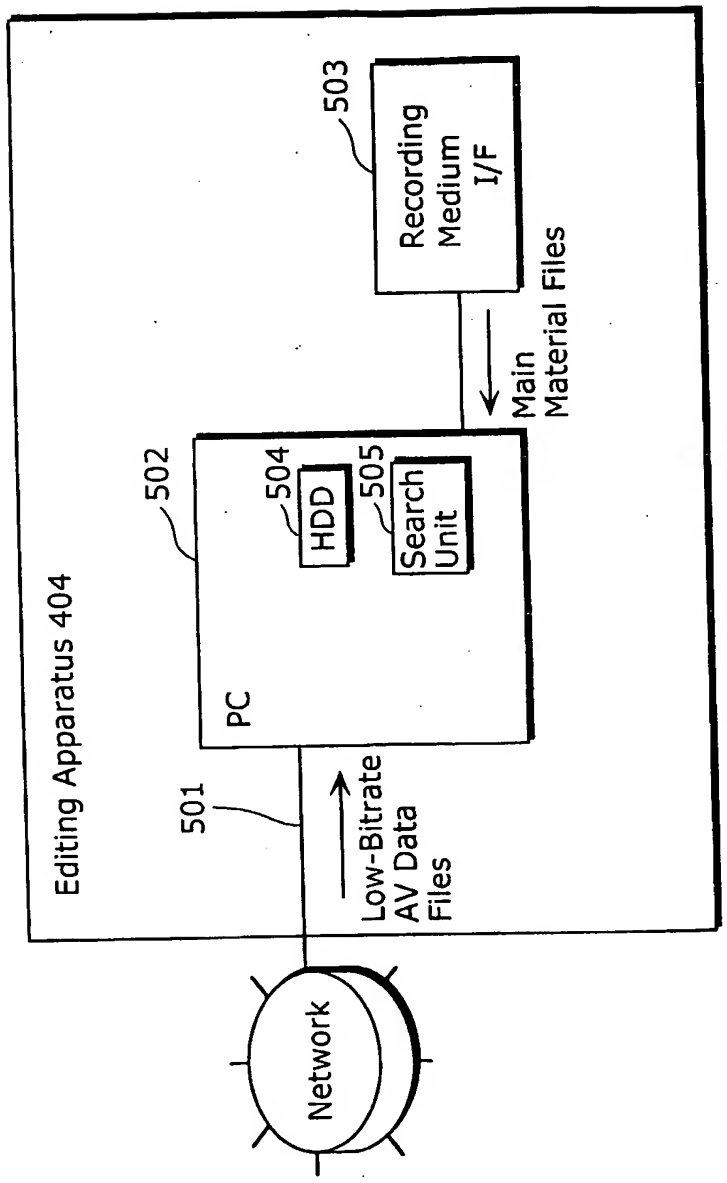
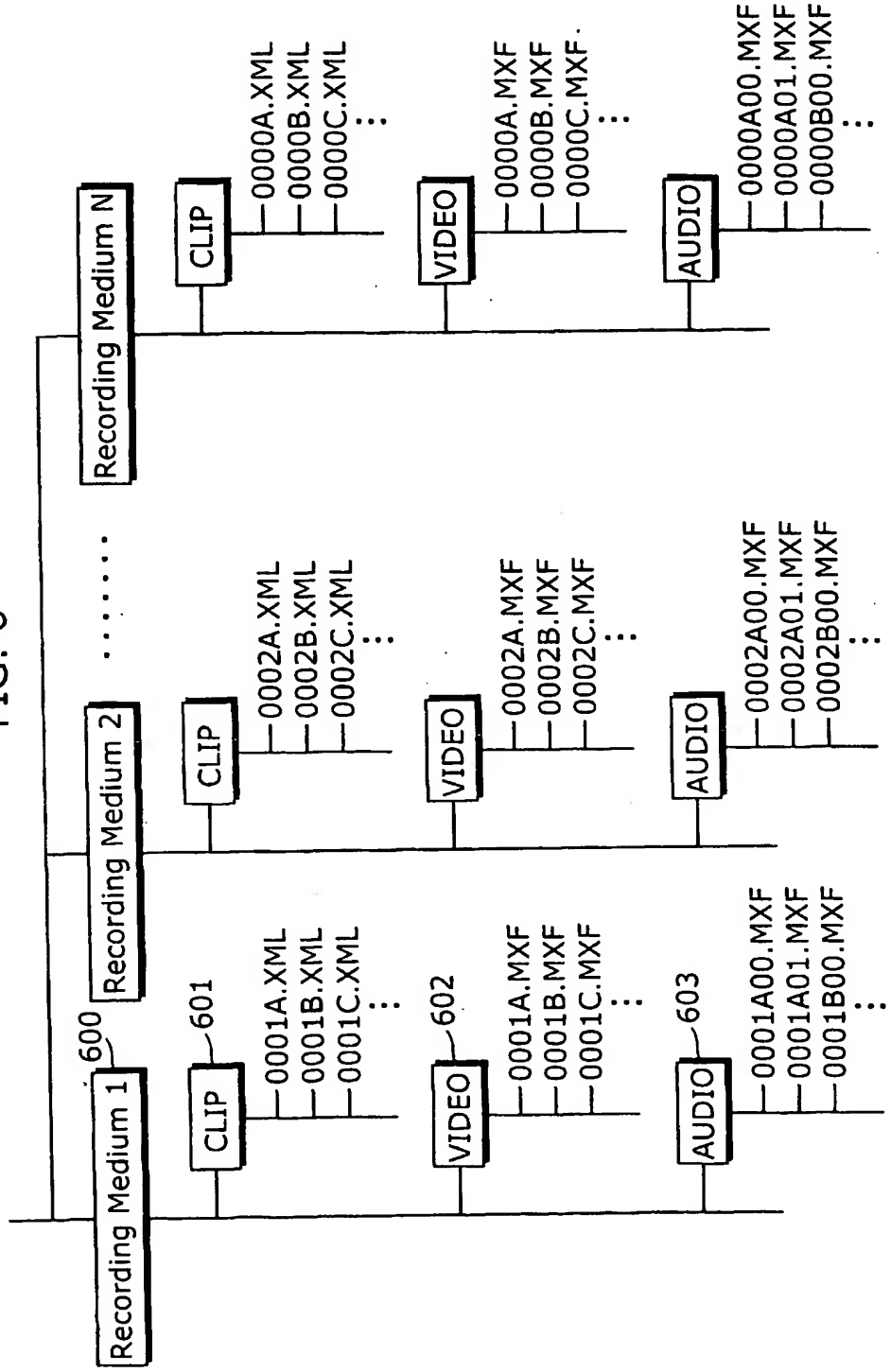

Editing Apparatus 404
PC
HDD
Search Unit
Recording Medium I/F
Main Material Files
Low-Bitrate AV Data Files
Network
501
502
503
504
505

FIG. 6


Recording Medium 1
600
CLIP
601
0001A.XML
0001B.XML
0001C.XML
VIDEO
602
0001A.MXF
0001B.MXF
0001C.MXF
AUDIO
603
0001A00.MXF
0001A01.MXF
0001B00.MXF
Recording Medium 2
CLIP
0002A.XML
0002B.XML
0002C.XML
VIDEO
0002A.MXF
0002B.MXF
0002C.MXF
AUDIO
0002A00.MXF
0002A01.MXF
0002B00.MXF
Recording Medium N
CLIP
0000A.XML
0000B.XML
0000C.XML
VIDEO
0000A.MXF
0000B.MXF
0000C.MXF
AUDIO
0000A00.MXF
0000A01.MXF
0000B00.MXF